

## ABSTRACT

With the objectives of alleviating the property of attacking on the mating member by scratching-off of local agglutinates on the sliding contact surface, achieving improved wear resistance, and achieving improved seizure resistance through restraint of frictional heat generation by a hard phase, a copper based sintered contact material contains shock-resistant ceramics in an amount of 0.05 to less than 0.5 wt% as non-metallic particles composed of one or more substances selected from pulverized oxides, carbides and nitrides. The shock-resistant ceramics are comprised of  $\text{SiO}_2$  and/or two or more substances selected from  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{LiO}_2$ ,  $\text{TiO}_2$  and  $\text{MgO}$ .